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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web  
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates  
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update  
frequency  
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
NEWS 6 Mar 08 Gene Names now available in BIOSIS  
NEWS 7 Mar 22 TOXLIT no longer available  
NEWS 8 Mar 22 TRCTHERMO no longer available  
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/CAPLUS  
and USPATFULL  
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY  
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.  
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 14 Apr 09 ZDB will be removed from STN  
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available  
  
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
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NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
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FILE 'HOME' ENTERED AT 13:38:03 ON 30 APR 2002

Examiner Anderson 703-605-1157

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:38:10 ON 30 APR 2002

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STRUCTURE FILE UPDATES: 29 APR 2002 HIGHEST RN 409058-68-0

DICTIONARY FILE UPDATES: 29 APR 2002 HIGHEST RN 409058-68-0

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

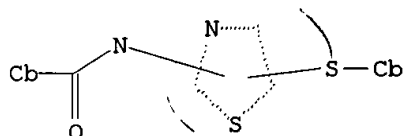
Uploading 10027982.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:38:41 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 12006 TO ITERATE

8.3% PROCESSED 1000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 233567 TO 246673

PROJECTED ANSWERS: 0 TO 0

Examiner Anderson 703-605-1157

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 13:38:45 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 239203 TO ITERATE

100.0% PROCESSED 239203 ITERATIONS  
SEARCH TIME: 00.00.08

95 ANSWERS

L3 95 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

140.28

140.49

FILE 'CAPLUS' ENTERED AT 13:38:57 ON 30 APR 2002  
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FILE COVERS 1907 - 30 Apr 2002 VOL 136 ISS 18  
FILE LAST UPDATED: 28 Apr 2002 (20020428/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s l3

L4 3 L3

=> d ibib abs hitstr 1-3

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:82902 CAPLUS

DOCUMENT NUMBER: 132:222487

TITLE: 5-aminothiazolium salts as potential cyclic azomethine ylides: base-induced cycloaddition reactions with

aryl, alkyl, and benzoyl isothiocyanates

AUTHOR(S): Benjelloun, Adile Touimi; Morel, Georges; Marchand, Evelyne

CORPORATE SOURCE: Synthèse et Electrosynthèse Organiques, UMR 6510, Université de Rennes I, Rennes, 35042, Fr.

Examiner Anderson 703-605-1157

SOURCE: Heteroatom Chemistry (2000), 11(1), 16-26

CODEN: HETCE8; ISSN: 1042-7163

PUBLISHER: John Wiley & Sons, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 132:222487

AB Reactions of in situ generated thiazoles with aryl and alkyl isothiocyanates appear to be totally regioselective and give the unexpected 5-(phenylthio)imidazolium-4-thiolates. Such rapid interconversion of mesoionic compds. is explained by a 1,3-dipolar addn. to the C:N bond of the heterocumulene followed by t-BuNCS elimination. Similar interactions with benzoyl isothiocyanate exclusively proceed on the C:S unsatn. of the heteroallene moiety and produce 4-(phenylthio)thiazolium-5-amidines. Structural assignment of isolated imidazoles and thiazoles is based on <sup>13</sup>C NMR data and chem. confirmed by NaBH<sub>4</sub> redn. of the alkylated derivs. Efforts to isomerize the starting mesoionic thiazole without the use of t-BuNCS are unsuccessful.

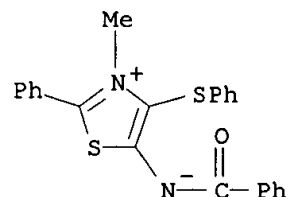
IT 260966-58-3P 260966-59-4P 260966-68-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(base-induced 1,3-dipolar cycloaddn. of aminothiazolium chlorides with isothiocyanates)

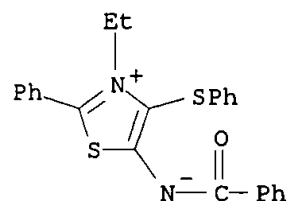
RN 260966-58-3 CAPLUS

CN Thiazolium, 5-(benzoylamino)-3-methyl-2-phenyl-4-(phenylthio)-, inner salt (9CI) (CA INDEX NAME)



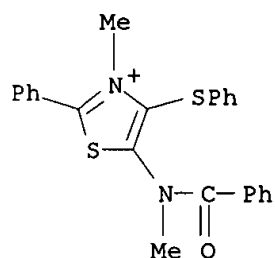
RN 260966-59-4 CAPLUS

CN Thiazolium, 5-(benzoylamino)-3-ethyl-2-phenyl-4-(phenylthio)-, inner salt (9CI) (CA INDEX NAME)



RN 260966-68-5 CAPLUS

CN Thiazolium, 5-(benzoylmethylamino)-3-methyl-2-phenyl-4-(phenylthio)-, iodide (9CI) (CA INDEX NAME)



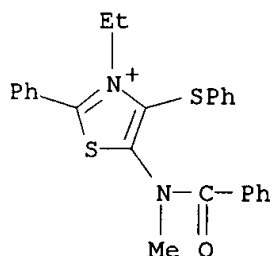
I<sup>-</sup>

IT 260966-69-6P 260966-70-9P 260966-75-4P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(base-induced 1,3-dipolar cycloaddn. of aminothiazolium chlorides with  
isothiocyanates)

RN 260966-69-6 CAPLUS

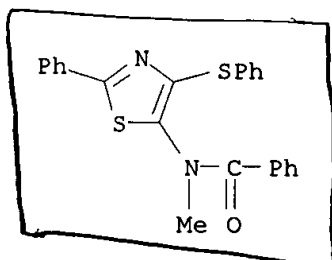
CN Thiazolium, 5-(benzoylmethylamino)-3-ethyl-2-phenyl-4-(phenylthio)-,  
iodide (9CI) (CA INDEX NAME)



I<sup>-</sup>

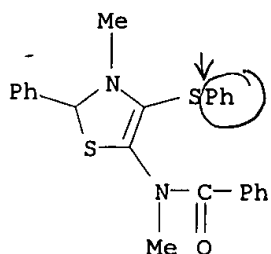
RN 260966-70-9 CAPLUS

CN Benzamide, N-methyl-N-[2-phenyl-4-(phenylthio)-5-thiazolyl]- (9CI) (CA  
INDEX NAME)



RN 260966-75-4 CAPLUS

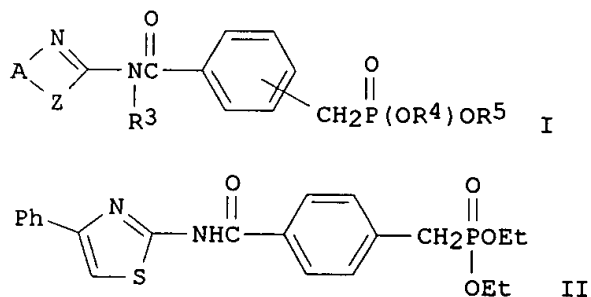
CN Benzamide, N-[2,3-dihydro-3-methyl-2-phenyl-4-(phenylthio)-5-thiazolyl]-N-  
methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 1995:767402 CAPLUS  
 DOCUMENT NUMBER: 123:169893  
 TITLE: Preparation of dialkyl benzylphosphonate derivatives as pharmaceuticals  
 INVENTOR(S): Shoji, Yasuo; Tsuda, Yoshihiko; Tsutsumi, Kazuhiko; Inoe, Yasuhide; Nanami, Cheko  
 PATENT ASSIGNEE(S): Otsuka Pharma Co Ltd, Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

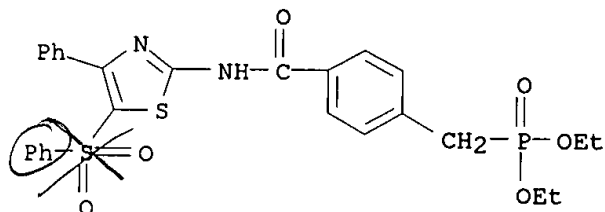
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06306089	A2	19941101	JP 1993-143237	19930615
JP 2787407	B2	19980820		
PRIORITY APPLN. INFO.:			JP 1992-160981	19920619
			JP 1993-35292	19930224
OTHER SOURCE(S):			MARPAT 123:169893	
GI				



AB The title compds. I [A = CR1:CR2, etc.; R1, R2 = H, alkyl, etc.; R3 = H, Ph, etc.; R4, R5 = alkyl, etc.; Z = S, etc.], useful for the treatment of hyperlipidemia, cataract, and diabetes (no data), are prepd. The title compd. II was prepd. from 2-amino-4-phenylthiazole and

Examiner Anderson 703-605-1157

4-[(diethoxyphosphoryl)methyl]benzoyl chloride.  
 IT **167157-61-1P**  
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of dialkyl benzylphosphonate derivs. as pharmaceuticals)  
 RN 167157-61-1 CAPLUS  
 CN Phosphonic acid, [[4-[[[4-phenyl-5-(phenylsulfonyl)-2-thiazolyl]amino]carbonyl]phenyl]methyl]-, diethyl ester (9CI) (CA INDEX NAME)

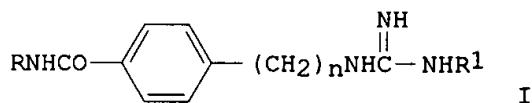


L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 1990:138776 CAPLUS  
 DOCUMENT NUMBER: 112:138776  
 TITLE: Preparation of 4-guanidino-N-heterocyclylbenzamides as protease inhibitors  
 INVENTOR(S): Schnur, Rodney C.; Fliri, Anton F. J.  
 PATENT ASSIGNEE(S): Pfizer Inc., USA  
 SOURCE: U.S., 5 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4874864	A	19891017	US 1988-197927	19880524
IL 90336	A1	19930131	IL 1989-90336	19890518
EP 343894	A1	19891129	EP 1989-305142	19890522
EP 343894	B1	19920610		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 02017177	A2	19900122	JP 1989-128599	19890522
JP 06067905	B4	19940831		
AT 77083	E	19920615	AT 1989-305142	19890522
ES 2032229	T3	19930116	ES 1989-305142	19890522
FI 8902497	A	19891125	FI 1989-2497	19890523
FI 91254	B	19940228		
FI 91254	C	19940610		
NO 8902058	A	19891127	NO 1989-2058	19890523
NO 173867	B	19931108		
NO 173867	C	19940216		
DK 8902490	A	19891127	DK 1989-2490	19890523
HU 49860	A2	19891128	HU 1989-2579	19890523
HU 201314	B	19901028		
AU 8935097	A1	19891130	AU 1989-35097	19890523

Examiner Anderson 703-605-1157

AU 602294 B2 19901004  
 ZA 8903865 A 19910130 ZA 1989-3865 19890523  
 US 4948891 A 19900814 US 1989-391756 19890809  
 US 4948901 A 19900814 US 1989-391764 19890809  
 PRIORITY APPLN. INFO.: US 1988-197927 19880524  
 EP 1989-305142 19890522  
 OTHER SOURCE(S): CASREACT 112:138776; MARPAT 112:138776  
 GI



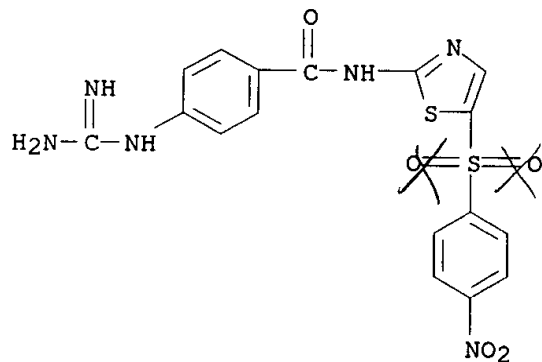
AB The title compds. (I; R = quinolin-8-yl, 6-methoxyquinolin-8-yl, quinolin-3-yl, 5-methylisoxazol-3-yl, indazol-5-yl, pyrimidin-2-yl, benzimidazol-2-yl, etc.; R1 = H, Cl-3 alkyl; n = 0-2), useful as protease inhibitors/antiplasmin agents (no data), were prepd. Thus, 4-[H2NC(:NH)NH]C6H4CO2H.HCl and MeC(:NSiMe3)OSiMe3 were refluxed in THF, cooled, treated with SOCl2, and the mixt. was stirred 5 min. 8-Aminoquinoline in THF was added and the mixt. was stirred 30 min to give I (R = quinolin-8-yl, R1 = H, n = 0).

IT **125788-86-5P**

RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of, as protease inhibitor/antiplasmin agent)

RN 125788-86-5 CAPLUS

CN Benzamide, 4-[(aminoiminomethyl)amino]-N-[5-[(4-nitrophenyl)sulfonyl]-2-thiazolyl]- (9CI) (CA INDEX NAME)



=> FIL STNGUIDE  
 COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE ENTRY	TOTAL SESSION
15.15	155.64

SINCE FILE ENTRY	TOTAL SESSION
-1.86	-1.86

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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Apr 26, 2002 (20020426/UP).

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.48	156.12

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-1.86

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 13:46:27 ON 30 APR 2002